



THE ROCKEFELLER UNIVERSITY

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JOSHUA LEDERBERG

PRESIDENT

↙
Dr. Lynda J. Goff
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Dear Dr. Goff:

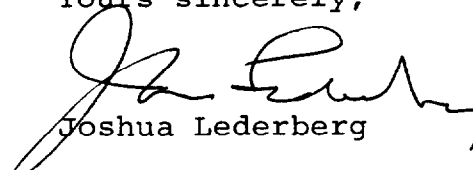
Long overdue, I have just encountered reference to your work on nuclear interactions in interspecific heterokaryons. Would you favor me with reprints of your work?

I have not gone back to the subject in 35 years; but I recalled referring to Burgeff's work -- cited in the enclosed review. (At page 422)

My very first work, with Francis Ryan in 1946, was on a *Neurospora* heterokaryon where one could argue the leu- nuclei "parasitized" the leu+. I do not believe we have any greater understanding today of what can regulate differential replication of the leu+ vs leu- nuclei.

But perhaps the competition is between larger domains: leu- vs leu+ hyphal segments, the leu- ones still fed by leucine or leucine synthetase diffusing from the leu+. If you have any fresh thoughts on the paradox, I'd appreciate hearing.

Yours sincerely,


Joshua Lederberg

Please note also: Rayner, A.D.M. et al eds.
Evol. Biol. of the Fungi. Cambridge.
(Brit. Mycol. Soc. Symposium). Article
by Prillinger, H.

Encl.

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p32
q24

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G.W.